Web Service APIs

Islamic Library

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Version | Date | Written | Reviewed | Approved | Notes |
| 1.0 | 5/1/2017 | M. Sobh |  |  | First Version |
|  |  |  |  |  |  |

# 

# 

# 

[**Introduction**](#_hr7n6xjxw5nk) **3**

[Common Parameters Definition](#_x2aveqqks28f) 3

[**Structure APIs**](#_94olwzcai1um) **3**

[Get Categories](#_q6ucl555977a) 3

[Get Authors](#_ng1vbhb4plb) 4

[Get Books](#_iiqxx24664k0) 4

[Get Book Subjects](#_i31cs4h8skx3) 5

[**Information APIs**](#_z5l3i8xq4g41) **6**

[Get Book Information](#_paxua7f4yndj) 6

[Get Author Information](#_kzykxjphbfil) 7

[**Book APIs**](#_a889ka9aop8f) **7**

[Get Page](#_jpczx9hj7xlg) 7

[Search](#_iquxbyekw59g) 8

[**User Preference APIs**](#_pl97cwncjohk) **9**

[Save User Preference](#_ehb1g9m8p851) 9

[Load User Feeds](#_hgodky2vktmc) 9

# 

# 

# Introduction

## Common Parameters Definition

|  |  |
| --- | --- |
| {**server-url**} | Server address. For example (http://booksapi.islam-db.com). |
| "**response**" | 1 or 0. |
| "**reason**" | Reason of failure. |
| "**keywords**" | Search keywords |

# Structure APIs

## Get Categories

Returns a list of categories under the given parent category.

|  |  |
| --- | --- |
| **API Structure** | {**server-url**}/**api**/**getcategories**/{**parentid**}/{more}/{id} |
| **POST Parameters** | {"**keywords**":string, "**limit**":int} |
| **Output Structure** | {  {  "**id**": int,  "**title**": string  },  ...  }  or {"**response**": 0, "**reason**": "reason"} |
| **Example** | http://booksapi.islam-db.com/api/getcategories/0/more/0 |
| {"keywords":""} |

## Get Authors

Return list of authors.

|  |  |
| --- | --- |
| **API Structure** | {**server-url**}/**api**/**getauthors**/{more}/{id} |
| **POST Parameters** | {"**keywords**":string, "**limit**":int} |
| **Output Structure** | {  {  "**id**": int,  "**name**": string  },  ...  }  or {"**response**": 0, "**reason**": "reason"} |
| **Example** | http://booksapi.islam-db.com/api/getauthors |
| {"**keywords**":""} |

## Get Books

Get list of books under given category. If zero category is given it returns all books.

|  |  |
| --- | --- |
| **API Structure** | {**server-url**}/**api**/**getbooks**/{more}/{id} |
| **POST Parameters** | {"**keywords**":string, "**limit**":int, "**of**":"category", "**id**":int}  {"**keywords**":string, "**limit**":int, "**of**":"author", "**id**":int}  {"**keywords**":string, "**limit**":int, "**of**":"books", "**ids**":[int,...]}  {"**keywords**":string, "**limit**":int, "**of**":"mybooks", "**id**":string} |
| **Output Structure** | {  {  "**id**": int,  "**title**": string  },  ...  }  or {"**response**": 0, "**reason**": "reason"} |
| **Example 1** | http://booksapi.islam-db.com/api/getbooks/more/0 |
| {"**keywords**":"", "**of**":"category", "**id**":2} |
| **Example 2** | http://booksapi.islam-db.com/api/getbooks/more/0 |
| {"**keywords**":"", "**of**":"author", "**id**":67} |
| **Example 3** | http://booksapi.islam-db.com/api/getbooks/more/0 |
| {"**keywords**":"", "**of**":"books", "**ids**":[31258]} |
| **Example 4** | http://booksapi.islam-db.com/api/getbooks/more/0 |
| {"**keywords**":"", "**of**":"mybooks", "**id**":"user@server.com"} |

## Get Book Subjects

Get list of subjects under given book and parent subject.

|  |  |
| --- | --- |
| **API Structure** | {**server-url**}/**api**/**getbooksubjects**/{**bookid**}/{**parentid**}/{more}/{id} |
| **POST Parameters** | {"**keywords**":string, "**limit**":int} |
| **Output Structure** | {  {  "**id**": int,  "**title**": string,  "**haschilds**": boolean  },  ...  }  or {"**response**": 0, "**reason**": "reason"} |
| **Example** | http://booksapi.islam-db.com/api/getbooksubjects/27099/0/more/0 |
| {"**keywords**":""} |

# Information APIs

## Get Book Information

Get Book Information.

|  |  |
| --- | --- |
| **API Structure** | {**server-url**}/**api**/**getbook**/{**id**} |
| **POST Parameters** | {} |
| **Output Structure** | {  "**id**": int,  "**title**": string,  "**information**": string,  "**card**": string,  "**pagescount**": int,  "**partsnumbers**": [int,...],  "**authors**": ["id":"name",...],  "**categories**": ["id":"title",...]  }  or {"**response**": 0, "**reason**": "reason"} |
| **Example** | http://booksapi.islam-db.com/api/getbook/27099 |
| {} |

## Get Author Information

Get Author Information.

|  |  |
| --- | --- |
| **API Structure** | {**server-url**}/**api**/**getauthor**/{**id**} |
| **POST Parameters** | {} |
| **Output Structure** | {  "**id**": int,  "**name**": string,  "**information**": string,  "**birthhigriyear**": int,  "**deathhigriyear**": int  }  or {"**response**": 0, "**reason**": "reason"}  Note: for date -1 means not set |
| **Example** | http://booksapi.islam-db.com/api/getauthor/67 |
| {} |

# Book APIs

## Get Page

Get Hadith Information.

|  |  |
| --- | --- |
| **API Structure** | {**server-url**}/**api**/**getpage**/{**bookid**}/{**id**} |
| **POST Parameters** | {} |
|  |  |
| **Output Structure** | {  "**page**": string,  "**pageid**": int,  "**partnumber**": int,  "**pagenumber**": int,  "**firstpagenumber**": int,  "**previouspagenumber**": int,  "**nextpagenumber**": int,  "**lastpagenumber**": int  }  or {"**response**": 0, "**reason**": "reason"} |
| **Example** | http://booksapi.islam-db.com/api/getpage/1914 |
| {} |

## Search

Search books pages.

|  |  |
| --- | --- |
| **API Structure** | {**server-url**}/**api**/**search**/{**bookid**}/{more}/{id} |
| **POST Parameters** | {"**keywords**":string, "**limit**":int} |
| **Output Structure** | {  {  "**id**": int,  "**pageid**": int,  "**bookid**": int,  "**booktitle**": string,  "**shortbody**": string  },  ...  }  or {"**response**": 0, "**reason**": "reason"} |
| **Example** | http://booksapi.islam-db.com/api/search/0 |
| {} |

# User Preference APIs

## Save User Preference

Add or update selected feeds to user preference at server side.

|  |  |
| --- | --- |
| **API Structure** | **POST**: {**server-url**}/**api**/**saveuserpreference** |
| **POST Parameters** | {"**securityresponse**":"Security Response", "**useremail**":"User Email", "**userpreferencelist**":[book-id, ..]} |
| **Output Structure** | {"**response**": 1} or {"**response**": 0, "**reason**": "reason"} |
| **Example** | http://booksapi.islam-db.com/api/saveuserpreference |
| {"**useremail**":"[user@server.com](mailto:user@server.com)", "**userpreferencelist**":[59, 60]} |

## Load User Feeds

Load selected user feeds from user preference at server side.

|  |  |
| --- | --- |
| **API Structure** | **POST**: {**server-url**}/**api**/**loaduserpreference** |
| **POST Parameters** | {"**useremail**":"User Email"} |
| **Output Structure** | [int, …]  or {"**response**": 0, "**reason**": "reason"} |
| **Example** | http://booksapi.islam-db.com/api/loaduserpreference |
| {"**useremail**":"user@server.com"} |